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## CLAIMS

What is claimed is:

1. A method of treating osteoarthritis comprising:  
administering, to a subject suffering from a osteoarthritis, a  
5 pharmaceutical composition comprising a pharmaceutically acceptable  
carrier and a therapeutically effective amount of one or more agents  
selected from the group consisting of: an anti-IL-6 antibody and an anti-  
IL-6 receptor antibody.
2. The method of claim 1, wherein said pharmaceutical composition is  
10 administered interarticularly or intravenously.
3. The method of claim 1, wherein said agent is a monoclonal IL-6 receptor  
antibody.
4. The method of claim 3, wherein said IL-6 receptor antibody is an anti-  
human IL-6 receptor antibody.
- 15 5. The method of claim 3, wherein said IL-6 receptor antibody is  
tocilizumab.
6. The method of claim 1, wherein said agent is a monoclonal IL-6 antibody.
7. The method of claim 6, wherein said IL-6 antibody is an anti-human IL-6  
antibody.
- 20 8. The method of claim 6, wherein said IL-6 antibody is CNTO 328.
9. The method of claim 6, wherein said pharmaceutical composition is  
administered interarticularly.

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10. The method of claim 6, wherein said pharmaceutical composition is administered intravenously.
11. The method of claim 1, further comprising administering one or more agents selected from the group consisting of:
- 5           6-(5-carboxy-5-methyl-hexyloxy)-2,2-dimethyl-hexanoic acid  
calcium salt, non-steroidal anti-inflammatory agents, piroxicam,  
diclofenac, naproxen, flurbiprofen, fenoprofen, ketoprofen, ibuprofen,  
mefenamic acid, indomethacin, sulindac, apazone, phenylbutazone,  
aspirin, corticosteroids, hyalgan, and synvisc.
- 10   12. The method of claim 1, further comprising administering one or more agents selected from the group consisting of:  
parecoxib, celecoxib, valdecoxib, and etoricoxib.
13. The use of one or more agents selected from the group consisting of: an  
anti-IL-6 antibody and an anti-IL-6 receptor antibody, in the manufacture  
15   of a medicament for the treatment of osteoarthritis in mammals.